In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

		we nereby acera	ic mat.			
	Pour residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Phosphatase Stress-Related Proteins and Methods of Use in Plants", the specification of which:  2 0 2001					
16 7	is atta	ached hereto.			•	
			01 as Application No. 09/8			
& TF	We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as the probability of the same was ever known or used by others in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application. We further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. We					
	understand that we have a to disclose information wh Regulations, §1.56.	duty of candor and it is material to	nd good faith toward the o the examination of the	e Patent and Trademark Office, and whis application in accordance with Trade	tle 37, Code of Federal	
	or inventor's certificate lis	ted below, and he common with the	ave also identified belo	ates Code, §119 (a)-(d) of the foreign ow any foreign application for patent ification and having a filing date befo	or inventor's certificate	
	Application No.	Country	Filing Date	Priority Claimed Under 35 US	SC §119	
				YesN	o.	
					<u></u>	
	I hereby claim the benefit below:	under Title 35,	United States Code, §	119(e) of any United States provision	onal application(s) listed	
	60/196,001	A	pril 7, 2000			
	(Application No.)		(Filing Date)	(Application No.)	(Filing Date)	
	We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:					
	Application Serial No.	<u>Filin</u>	g Date	Status: patented, pending, abandone	<u>:d</u>	
	and belief are believed to be the like so made are punish that such willful false states.  POWER OF ATTORNEY: The and Trademark Office connet Michael S. Pavento - 42,9 P47,754; Kevin W. King — Send correspondence to:SU	e true; and furthenable by fine or innents may jeopar The following attorated therewith: Per 185; Lisa M. Col 42,737.	er that these statement verification or both, and dize the validity of the energy appointed eter G. Pappas - 33,20 pern - 44,669; Robert SBILL & BRENNAN	owledge are true and that all statement were made with the knowledge that with under Section 1001 of Title 18 of the application or any patents issuing them I to prosecute this application and transacts; Daniel J. Warren - 34,272; William A. Lester - 24,004; Erinn C. Kelly - LLP Direct telephone calls at (404)	Ilful false statements and United States Code, and eon. It all business in the Patent Im L. Warren - 36,714; 44,822; Jerry C. Liu –	
	99	9 Peachtree Stree lanta, GA 30309	t, NE	•		
	At	ianta, GA 30309	- ンププロ	<u>Lisa M. Cobern</u>	Esd.	
	Full name of sole or first in Inventor's signature	ventor: Oswaldo	da Costa e Silya	Citizenship: Brazil Date: \$\frac{1}{3}\frac{1}{0}\frac{1}{3}		
	Residence and Post Office			rth Carolina 27502		

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Bl	vd., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., C	ary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G, C	Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Dr	ive, Cary, North Carolina 27513

## DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0029

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

and joint inventors of the Stress-Related Proteins  2 0 2001 is a was	subject matter whi and Methods of U ttached hereto. filed on April 6, 200	ch is claimed and for wase in Plants", the speci	828,302.	ention entitled "Phosphatase	
RADEMANDED by any amendar others in the United State country before our invent was not in public use or understand that we have	nent referred to above of America before ion thereof or more on sale in the Un a duty of candor as	ove. We do not know ore our invention there than one year prior to ited States of Americand and good faith toward the	s of the above-identified specifica and do not believe that the same of, or patented or described in an the date of this application. We f more than one year prior to the the Patent and Trademark Office, a his application in accordance wi	was ever known or used by ny printed publication in any further state that the invention date of this application. We and we acknowledge the duty	
or inventor's certificate l disclosing subject matter on which priority is claim	isted below, and h in common with the	ave also identified bel le above-identified spec	tates Code, §119 (a)-(d) of the for ow any foreign application for profication and having a filing date	atent or inventor's certificate before that of the application	
Application No.	Country	Filing Date	Priority Claimed Under 3		
			Yes		
I hereby claim the benefit below:	it under Title 35,	United States Code, §	119(e) of any United States pro	ovisional application(s) listed	
60/196,001 (Application No.)		pril 7, 2000 (Filing Date)	(Application No.)	(Filing Date)	
We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:					
Application Serial No.	o. <u>Filing</u>	g Date	Status: patented, pending, aban	doned	
We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.  POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Paten and Trademark Office connected therewith: Peter G. Pappas - 33,205; Daniel J. Warren - 34,272; William L. Warren - 36,714 Michael S. Pavento - 42,985; Lisa M. Cobern - 44,669; Robert A. Lester - 24,004; Erinn C. Kelly - 44,822; Jerry C. Liu					
P47,754; Kevin W. King		74,007, Robert	7. 123tor - 27,004, 12mm C. Re	ny 11,022, 1011y 0. 210	
	Send correspondence to: SUTHERLAND ASBILL & BRENNAN LLP Direct telephone calls at (404) 853-8000 999 Peachtree Street, NE				
	Atlanta, GA 30309	· = '	<u>Lisa M. Co</u>	bern, Esq.	
Full name of sole or first	inventor: Oswaldo	da Costa e Silva	Citizenship: Brazil		
Inventor's signature			Date:		
Residence and Post Office	e Address: 203 Lit	tleford Lane, Apex, No	orth Carolina 27502		
Additional inventors are being named on separately numbered sheets attached hereto.					

Full name of second inventor; Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date: 5/30/01
Residence and Post Office Address: 5400 East Williams Blvd.,	Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct., Ca	ry, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G,	Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Drive, C	ary, North Carolina 27513

## DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0029

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

As ociow named inventors	s, we nereby deera	ic that.					
	subject matter whi	ch is claimed and for w	below next to our names. We be which a patent is sought on the invification of which:				
	tached hereto.						
We have by state that we have a country before our invention was not in public use or understand that we have a	was filed on April 6, 2001 as Application No. 09/828,302.  We keep by state that we have reviewed and understand the contents of the above-identified specification, including the claims, as an included by any amendment referred to above. We do not know and do not believe that the same was ever known or used by others in the United States of America before our invention thereof, or patented or described in any printed publication in any country before our invention thereof or more than one year prior to the date of this application. We further state that the invention was not in public use or on sale in the United States of America more than one year prior to the date of this application. We understand that we have a duty of candor and good faith toward the Patent and Trademark Office, and we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.						
or inventor's certificate li disclosing subject matter i	We hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of the foreign application(s) for patent or inventor's certificate listed below, and have also identified below any foreign application for patent or inventor's certificate disclosing subject matter in common with the above-identified specification and having a filing date before that of the application on which priority is claimed:						
Application No.	Country	Filing Date	Priority Claimed Under	35 USC §119			
			Yes	No			
below:			119(e) of any United States pro	ovisional application(s) listed			
60/196,001 (Application No.)		pril 7, 2000 (Filing Date)	(Application No.)	(Filing Date)			
manner provided by the information as defined in	as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:						
Application Serial No	. Filing	g Date	Status: patented, pending, aban	<u>ndoned</u>			
and belief are believed to the like so made are punis	We further declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.						
and Trademark Office conn Michael S. Pavento - 42,	POWER OF ATTORNEY: The following attorneys are hereby appointed to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Peter G. Pappas - 33,205; Daniel J. Warren - 34,272; William L. Warren - 36,714; Michael S. Pavento - 42,985; Lisa M. Cobern - 44,669; Robert A. Lester - 24,004; Erinn C. Kelly - 44,822; Jerry C. Liu -						
P47,754; Kevin W. King -	42,737.						
Send correspondence to:S	UTHERLAND A 9 Peachtree Stree		LLP Direct telephone calls at	(404) 853-8000			
	tlanta, GA 30309		Lisa M. Co	bern, Esq.			
Full name of sole or first in	ventor: Oswaldo	da Costa e Silva	Citizenship: Brazil				
Inventor's signature			Date:	<del></del>			
Residence and Post Office	Address: 203 Lit	tleford Lane, Apex, No	rth Carolina 27502	<del></del>			
F-74		parately numbered sheets					

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvd	d., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor Nama van Thielen	Citizenship: Canada
Inventor's signature	Date: 5,31,2001
Residence and Post Office Address: 206-T Hyde Park Ct., Car	y, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G,	Cary, North Carolina 27513

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Driv	e, Cary, North Carolina 27513

## DECLARATION AND POWER OF ATTERNEY

Attorney's Docket No. 16313-0029

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Ruoying Chen and Manabu Ishitani

nereby declare that	t:
1	ereby declare that

QuiPresidence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, first and joint investors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Phosphatase Stress-Related Projectins and Methods of Use in Plants", the specification of which:						
We hereby tate that we hat amended his any amendmen our invention thereof or more use or on sale in the United	ed on April 6, 2001 as A ve reviewed and un- t referred to above. rica before our inventre than one year prior. States of America meth toward the Patent	derstand the con We do not know tion thereof, or par to the date of the tore than one year and Trademark	tents of the and do not atented or chis application prior to the Office, and	believe that the described in any ion. We further ne date of this ap we acknowledg	same was printed pu state that pplication. e the duty	cation, including the claims, as sever known or used by others ublication in any country before the invention was not in public. We understand that we have a y to disclose information which ons, §1.56.
inventor's certificate listed b	elow, and have also	identified below	any foreign	application for	patent or	eign application(s) for patent or inventor's certificate disclosing at of the application on which
Application No.	Country	Filing Date	P	riority Claimed	Under 35	USC §119
				Yes	<del></del>	_No
I hereby claim the benefit ur	der Title 35, United	States Code, § 11	19(e) of any	United States p	rovisional	l application(s) listed below:
60/196,001 (Application No.)	April 7 (Filin	7, 2000 ng Date)		(Application No	0.)	(Filing Date)
We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter disclosed and claimed in the present application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, We acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:						
Application Serial No.	Filing Dat	<u>te</u>	Status:	patented, pendin	ıg, abando	oned
belief are believed to be true	; and further that the fine or imprisonment	ese statement wer t, or both, under	re made wit Section 10	th the knowledge 001 of Title 18 o	that will of the Uni	nents made on information and ful false statements and the like ited States Code, and that such
Trademark Office connected th	erewith: Peter G. Pap	ppas - 33,205; D	aniel J. Wa	arren - 34,272; N	William L	nsact all business in the Patent and L. Warren - 36,714; Michael S. ry C. Liu – P47,754; Kevin W.
Send correspondence to:SUTHERLAND ASBILL & BRENNAN LLP Direct telephone calls at (404) 853-8000						
	Peachtree Street, NE anta, GA 30309-399			Lisa	M. Cobe	ern, Esq.
Full name of sole or first inv	entor: Oswaldo da C	Costa e Silva		Citizenship:	Brazil	
Inventor's signature	······································			Date:		
Residence and Post Office A	ddress: 203 Littlefor	rd Lane, Apex, N	orth Caroli	na 27502		

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvc	I., Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park C	t., Cary, North Carolina 27513

Full name of fourth inventor: Ruoying Then	Citizenship: China
Inventor's signature (/h/m	Date: 6/5/2001
Residence and Post Office Address: 105 Rustic Pine Court, Ap	ex, North Carolina 27502

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature	Date:
Residence and Post Office Address: 1103 Millhouse Drive, Car	y, North Carolina 27513

## DÉCLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 16313-0029

In re Application of: Oswaldo da Costa e Silva, Hans J. Bohnert, Nocha van Thielen, Rouying Chen and Manabu Ishitani

As below named inventors, we hereby declare that:

OIF	residence, post office addresses and citizenships are as stated below next to our names. We believe we are the original, f and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "Phosphat Stress selated Proteins and Methods of Use in Plants", the specification of which:    1   2001				
AUG 2	0 2001 w is atta	ched hereto.			•
M00 2	剧 was f		01 as Application No. 09		
A TRAC	amendmed by any amendme others in the United States country before our invention was not in public use or of understand that we have a	nt referred to all of America before thereof or more in sale in the Unduty of candor a	ove. We do not know fore our invention there than one year prior to nited States of America and good faith toward to	ts of the above-identified specific y and do not believe that the san eof, or patented or described in the date of this application. We a more than one year prior to the the Patent and Trademark Office, this application in accordance v	ne was ever known or used by any printed publication in any further state that the invention he date of this application. We and we acknowledge the duty
	or inventor's certificate lis	ted below, and le common with t	have also identified be	states Code, §119 (a)-(d) of the follow any foreign application for cification and having a filing dat	patent or inventor's certificate
	Application No.	Country	Filing Date	Priority Claimed Under	35 USC §119
				Yes	No
	below: 60/196,001		United States Code, §  April 7, 2000	§ 119(e) of any United States p.	rovisional application(s) listed
	(Application No.)		(Filing Date)	(Application No.)	(Filing Date)
	manner provided by the fi	rst paragraph of Fitle 37, Code o	Title 35, United State of Federal Regulations,	ion is not disclosed in the prior to the code \$112, We acknowledge \$1.56 which became available of this application:	the duty to disclose material
	Application Serial No.	<u>Filin</u>	g Date	Status: patented, pending, aba	ndoned
	and belief are believed to be the like so made are punish that such willful false stater	e true; and furth hable by fine or t nents may jeopa	er that these statement imprisonment, or both, rdize the validity of the	nowledge are true and that all sta were made with the knowledge to under Section 1001 of Title 18 application or any patents issuing and to prosecute this application and	hat willful false statements and of the United States Code, and g thereon.
	and Trademark Office connection	cted therewith: Po 85; Lisa M. Co	eter G. Pappas - 33,20	D5; Daniel J. Warren - 34,272; A. Lester - 24,004; Erinn C. K	William L. Warren - 36,714;
	Send correspondence to:SU	THERLAND A Peachtree Stree		LLP Direct telephone calls a	t (404) 853-8000
		lanta, GA 30309		<u>Lisa M. C</u>	obern, Esq.
	Full name of sole or first in	ventor: Oswaldo	o da Costa e Silva	Citizenship: Brazi	
	Inventor's signature			Date:	<del></del>
	Residence and Post Office	Address: 203 Li	ttleford Lane, Apex, No		
			eparately numbered sheets		
	Variational inventors are	Joing named on St	Paratery numbered silects	attached hereto.	

Full name of second inventor: Hans J. Bohnert	Citizenship: Germany
Inventor's signature	Date:
Residence and Post Office Address: 5400 East Williams Blvd., A	Apartment 13-208, Tucson, Arizona 85710

Full name of third inventor: Nocha van Thielen	Citizenship: Canada
Inventor's signature	Date:
Residence and Post Office Address: 206-T Hyde Park Ct.,	Cary, North Carolina 27513

Full name of fourth inventor: Rouying Chen	Citizenship: China
Inventor's signature	Date:
Residence and Post Office Address: 105 Collier Place 1-G, Cary, North Carolina 27513	

Full name of fifth inventor: Manabu Ishitani	Citizenship: Japan
Inventor's signature Manaha Vototland	Date: 43/0/
Residence and Post Office Address: 1103 Millhouse Drive,	Cary, North Carolina 27513